

CLAIMS

1. A fertiliser composition comprising at least one phosphonate and at least one thiosulphate.

2. A fertiliser composition according to claim 1 further comprising at least one salicylic acid, homologue, derivative, or salt thereof.

3. A fertiliser composition comprising at least one phosphonate and at least one salicylic acid, homologue, derivative, or salt thereof.

4. A fertiliser composition according to claim 3 further comprising at least one thiosulphate.

5. A fertiliser composition comprising at least one thiosulphate and at least one salicylic acid, homologue, derivative, or salt thereof.

6. A fertiliser composition according to claim 5 further comprising at least one phosphonate.

7. A fertiliser composition according to any one of claims 1-4 and 6 wherein the phosphonate is ammonium, sodium or potassium phosphonate or a mixture thereof.

8. A fertiliser composition according to any one of claims 1 and 4-7 wherein the thiosulphate is ammonium, sodium or potassium thiosulphate or a mixture thereof.

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9. A fertiliser composition according to any one of claims 2-8 wherein the derivative of salicylic acid is salicylamide or a salt thereof.

10. A fertiliser composition according to any one of claims 2-8 wherein the
5 homologue of salicylic acid is benzoic acid or a salt or derivative thereof.

11. A fertiliser composition according to any of claims 2-9 wherein the salt of salicylic acid, its homologue or derivative is an organic or inorganic salt.

10 12. A fertiliser composition according to claim 11 wherein the salt is a sodium or potassium salt or mixtures thereof.

13. A fertiliser composition according to any preceding claim in the form of a concentrate.
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14. A fertiliser composition according to any one of claims 1-12 in the form of an aqueous solution.

15. A fertiliser composition according to claim 14 comprising 150 g/l
20 phosphonate, 275 g/l thiosulphate and/or 10 g/l salicylamide.

16. A fertiliser composition according to claim 15 wherein the phosphonate comprises 75 g/l mono-potassium phosphonate and 75 g/l di-potassium phosphonate.

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Sub A3 17. A fertiliser composition according to any preceding claim further comprising a plant growth regulator.

18. A fertiliser composition according to claim 17 wherein the plant growth
30 regulator is chlormequat.

Sub A4
19. A method for fertilising a plant comprising applying a fertiliser composition according to any preceding claim to the plant or its environs.

5 20. A method according to claim 19 wherein the phosphonate is applied at 150 g/ha to 2 kg/ha.

Sub A5
10 21. A method according to claim 19 or claim 20 wherein the thiosulphate is applied at 250 g/ha to 6 kg/ha.

22. A method according to any one of claims 19 to 21 wherein at least one salicylic acid, a homologue, derivative, or salt thereof is applied at 1 g/ha to 100 g/ha.

15 23. Use of a fertiliser composition according to any one of claims 1-18 to stimulate plant growth.

20 24. Use of a fertiliser composition according to any one of claims 1-18 to control parasitic fungi.

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